ELSEVIER

Nuclear Instruments and Methods in Physics Research A 474 (2001) 297–304

NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH Section A

www.elsevier.com/locate/nima

Author Index

Accorsi, R., F. Gasparini and R.C. Lanza, Optimal coded aperture patterns for improved SNR in nuclear medicine imaging ... 474 (2001) 273
Agui, A., see Saitoh, Y. ... 474 (2001) 253
Ahn, H.E., B.H. Choi and J.H. Ha, H^- magnetic beam extractors design for the KOMAC project ... 474 (2001) 1
Akesson, T., E. Arik, K. Assamagan, K. Baker, E. Barberio, D. Barberis, H. Bertelsen, V. Bytchkov, J. Callahan, A. Catinaccio, H. Danielsson, F. Dittus, B. Dolgoshein, N. Dressnandt, W.L. Ebenstein, P. Eerola, P. Farthouat, D. Froidevaux, Y. Grichkevitch, Z. Hajduk, J.R. Hansen, P.T. Keener, G. Kekelidze, S. Konovalov, T. Kowalski, V.A. Kramarenko, A. Krivchitch, A. Laritchev, P. Lichard, A. Lucotte, B. Lundberg, F. Luehring, A. Mailov, A. Manara, K. McFarlane, V.A. Mitsou, S. Morozov, S. Muraviev, A. Nadtochy, F.M. Newcomer, J. Olszowska, H. Ogren, S.H. Oh, V. Peshekhonov, C. Rembser, A. Romaniouk, D. Rousseau, D.R. Rust, V. Schegelsky, M. Sapinski, A. Shmeleva, S. Smirnov, L.N. Smirnova, V. Sosnovtsev, S. Soutchkov, E. Spiridenkov, V. Tikhomirov, R.V. Berg, V. Vassilakopoulos, C. Wang and H.H. Williams, Particle identification using the time-over-threshold method in the ATLAS Transition Radiation Tracker ... 474 (2001) 172
Angelov, I., see Mishev, A. ... 474 (2001) 101
Anthony, P., see do Couto e Silva, E. ... 474 (2001) 19
Arik, E., see Akesson, T. ... 474 (2001) 172
Arnold, R., C. Augier, J. Baker, A. Barabash, O. Bing, D. Blum, V. Brudanin, A.J. Caffrey, J.E. Campagne, E. Caurier, D. Dassie, V. Egorov, K. Errahmane, T. Filipova, J.L. Guyonnet, F. Hubert, Ph. Hubert, S. Jullian, O. Kochetov, I. Kisel, V.N. Kornoukhov, V. Kovalenko, V.F. Kuzichev, D. Lalanne, F. Laplanche, F. Leccia, I. Linck, C. Longuemare, Ch. Marquet, F. Mauger, H.W. Nicholson, I. Nikolic-Audit, I. Pilugin, F. Piquemal, J.-L. Reyss, C.L. Riddle, X. Sarazin, F. Scheibling, I. Stekl, J. Suhonen, C.S. Sutton, G. Szklarz, V. Timkin, V. Tretyak, V. Umatov, I. Vanyushin, V. Vorobel and Ts. Vylov, Chemical purification of molybdenum samples for the NEMO 3 experiment ... 474 (2001) 93
Arnold, R., see do Couto e Silva, E. ... 474 (2001) 19
Arrighi, H., see do Couto e Silva, E. ... 474 (2001) 19
Arthur, R., see Peurrung, A. ... 474 (2001) 285
Assamagan, K., see Akesson, T. ... 474 (2001) 172
Augier, C., see Arnold, R. ... 474 (2001) 93

Badziak, J., see Riesz, F. ... 474 (2001) 151
Baker, J., see Arnold, R. ... 474 (2001) 93
Baker, K., see Akesson, T. ... 474 (2001) 172
Barabash, A., see Arnold, R. ... 474 (2001) 93
Barbarino, G.C., P. Bernardini, M. Brigida, D. Campana, A. Candela, R. Caruso, A. Ceres, I.De Mitri, A.Di Credico, C. Favuzzi, P. Fusco, F. Gargano, N. Giglietto, F. Giordano, A. Grillo, F. Guarino, A. Leone, M. Lindozzi, F. Loparco, G. Mancarella, M.N. Mazziotta, M. Mongelli, G. Osteria, V. Palladino, M. Perchiazzi, A. Rainò, S. Rainò, A. Sacchetti, E. Scapparone and P. Spinelli, Performance of a magnetized calorimeter for a long baseline neutrino oscillation experiment ... 474 (2001) 224
Barberio, E., see Akesson, T. ... 474 (2001) 172
Barberis, D., see Akesson, T. ... 474 (2001) 172
Barletta, W.A., see Lee, Y. ... 474 (2001) 86
Baughman, B., see do Couto e Silva, E. ... 474 (2001) 19
Bauleo, P., C.B. Bonifazi, A. Filevich and A. Regurea, Erratum to: "Remote particle density calibration of a water Cherenkov dector using crossing-through muons" [Nucl. Instr. and Meth. A 463 (2001) 175–182] ... 474 (2001) 296
Becker, U.J., see Kirchner, J.J. ... 474 (2001) 238

PII: S0168-9002(01)02101-5

Berg, R.V., see Akesson, T. . . . 474 (2001) 172
Bernardini, P., see Barbarino, G.C. . . . 474 (2001) 224
Bertelsen, H., see Akesson, T. . . . 474 (2001) 172
Bertozzi, W., see Fissum, K.G. . . . 474 (2001) 108
Bindel, R., E. Garcia, A.C. Mignerey and L.P. Remsberg, Array of scintillator counters for PHOBOS at RHIC . . . 474 (2001) 38
Bing, O., see Arnold, R. . . . 474 (2001) 93
Bloom, E., see do Couto e Silva, E. . . . 474 (2001) 19
Blum, D., see Arnold, R. . . . 474 (2001) 93
Bogart, J., see do Couto e Silva, E. . . . 474 (2001) 19
Bonifazi, C.B., see Bauleo, P. . . . 474 (2001) 296
Bosted, P., see do Couto e Silva, E. . . . 474 (2001) 19
Bowman, J.D., see Crawford, B.E. . . . 474 (2001) 159
Brigida, M., see Barbarino, G.C. . . . 474 (2001) 224
Brownell, J.H., see Doucas, G. . . . 474 (2001) 10
Brudanin, V., see Arnold, R. . . . 474 (2001) 93
Bulten, H.J., see van Buuren, L.D. . . . 474 (2001) 209
Bumala, B., see do Couto e Silva, E. . . . 474 (2001) 19
Bytchkov, V., see Akesson, T. . . . 474 (2001) 172

Caffrey, A.J., see Arnold, R. . . . 474 (2001) 93
Callahan, J., see Akesson, T. . . . 474 (2001) 172
Campagne, J.E., see Arnold, R. . . . 474 (2001) 93
Campana, D., see Barbarino, G.C. . . . 474 (2001) 224
Candela, A., see Barbarino, G.C. . . . 474 (2001) 224
Caruso, R., see Barbarino, G.C. . . . 474 (2001) 224
Catinaccio, A., see Akesson, T. . . . 474 (2001) 172
Caurier, E., see Arnold, R. . . . 474 (2001) 93
Ceres, A., see Barbarino, G.C. . . . 474 (2001) 224
Chekhtman, A., see do Couto e Silva, E. . . . 474 (2001) 19
Chen, J.P., see Fissum, K.G. . . . 474 (2001) 108
Chen, Y.C., see White, C.G. . . . 474 (2001) 67
Cheng, K.C., see White, C.G. . . . 474 (2001) 67
Choi, B.H., see Ahn, H.E. . . . 474 (2001) 1
Choong, W.S., see White, C.G. . . . 474 (2001) 67
Correia, J.J., see Gueorguieva, E. . . . 474 (2001) 132
Cotton, N., see do Couto e Silva, E. . . . 474 (2001) 19
Crawford, B.E., J.D. Bowman, S.I. Penttilä and N.R. Roberson, A spin-transport system for a longitudinally polarized epithermal neutron beam . . . 474 (2001) 159
Credico, A.Di, see Barbarino, G.C. . . . 474 (2001) 224
Crider, A., see do Couto e Silva, E. . . . 474 (2001) 19

Dale, D., see Fissum, K.G. . . . 474 (2001) 108
Danielsson, H., see Akesson, T. . . . 474 (2001) 172
Dasannacharya, B.A., see Mukhopadhyay, R. . . . 474 (2001) 55
Dassie, D., see Arnold, R. . . . 474 (2001) 93
Dattoli, G., A. Doria, G.P. Gallerano, L. Giannessi, K. Hesch, H.O. Moser, P.L. Ottaviani, E. Pellegrin, R. Rossmanith, R. Steininger, V. Saile and J. Wüst, Extreme ultraviolet (EUV) sources for lithography based on synchrotron radiation . . . 474 (2001) 259
Dinner, R.B., see Kirchner, J.J. . . . 474 (2001) 238
Dionisio, J.S., see Gueorguieva, E. . . . 474 (2001) 132
Dittus, F., see Akesson, T. . . . 474 (2001) 172
Djannati-Atai, A., see do Couto e Silva, E. . . . 474 (2001) 19
Dobbs-Dixon, I., see do Couto e Silva, E. . . . 474 (2001) 19
do Couto e Silva, E., P. Anthony, R. Arnold, H. Arrighi, E. Bloom, B. Baughman, J. Bogart, P. Bosted, B. Bumala, A. Chekhtman, N. Cotton, A. Crider, I. Dobbs-Dixon, A. Djannati-Atai, R. Dubois, D. Engovatov, P. Espigat, J.L. Evans, T. Fieguth, D. Flath, M. Frigaard, B. Giebels, S. Gillespie, G. Godfrey, J.E. Grove, T.

Handa, T. Hansl-Kozanecka, J. Hernando, M. Hicks, M. Hirayama, W.N. Johnson, R. Johnson, T. Kamae, W. Kroeger, D. Lauben, Y.C. Lin, T. Lindner, P. Michelson, A. Moiseev, M. Nikolaou, P. Nolan, A. Odian, T. Ohsugi, J. Ormes, G. Paliaga, P.S. Parkinson, B. Phlips, S. Ritz, S. Rock, J.J. Russel, H. Sadrozinski, T. Schalk, J. Silvis, Z. Szalata, R. Terrier, D.J. Thompson, D.M. Tournear, A.P. Waite, J. Wallace, S. Williams, R. Williamson and G. Winker, Results from the beam test of the engineering model of the GLAST large area telescope 474 (2001) 19
Dolgoshein, B., see Akesson, T. 474 (2001) 172
Doria, A., see Dattoli, G. 474 (2001) 259
Doucas, G., M.F. Kimmitt, J.H. Brownell, S.R. Trotz and J.E. Walsh, A new type of high-resolution position sensor for ultra-relativistic beams 474 (2001) 10
Dressnandt, N., see Akesson, T. 474 (2001) 172
Dubois, R., see do Couto e Silva, E. 474 (2001) 19
Duverger, E., see Mishev, A. 474 (2001) 101

Ebenstein, W.L., see Akesson, T. 474 (2001) 172
Eerola, P., see Akesson, T. 474 (2001) 172
Egorov, V., see Arnold, R. 474 (2001) 93
Elovich, R., see Peurrung, A. 474 (2001) 285
Engovatov, D., see do Couto e Silva, E. 474 (2001) 19
Errahmane, K., see Arnold, R. 474 (2001) 93
Espigat, P., see do Couto e Silva, E. 474 (2001) 19
Etcheverry, M., see Shchukin, G.E. 474 (2001) 46
Evans, J.L., see do Couto e Silva, E. 474 (2001) 19

Farthouat, P., see Akesson, T. 474 (2001) 172
Favuzzi, C., see Barbarino, G.C. 474 (2001) 224
Fedorov, V.V., see Shchukin, G.E. 474 (2001) 46
Fenker, H.C., see Fissum, K.G. 474 (2001) 108
Ferro-Luzzi, M., see van Buuren, L.D. 474 (2001) 209
Fidkowski, K.J., see Kirchner, J.J. 474 (2001) 238
Fieguth, T., see do Couto e Silva, E. 474 (2001) 19
Filevich, A., see Bauleo, P. 474 (2001) 296
Filipova, T., see Arnold, R. 474 (2001) 93
Fissum, K.G., W. Bertozzi, J.P. Chen, D. Dale, H.C. Fenker, J. Gao, A. Gavalya, S. Gilad, C.R. Leathers, N. Liyanage, R.O. Michaels, E.A.J.M. Offermann, J. Segal, J.A. Templon, R. Wechsler, B. Wojtsekhowski and J. Zhao, Vertical drift chambers for the Hall A high resolution spectrometers at Jefferson Lab 474 (2001) 108
Flath, D., see do Couto e Silva, E. 474 (2001) 19
Fraser, G.W., see Price, G.J. 474 (2001) 188
Freeman, J., D. Green and A. Ronzhin, Hybrid photodiode crosstalk due to backscattered electrons 474 (2001) 143
Freudenberger, J., E. Hell and W. Knüpfer, Erratum to: "Perspectives of medical X-ray imaging" [Nucl. Instr. and Meth. A 466 (2001) 99–104] 474 (2001) 295
Frigaard, M., see do Couto e Silva, E. 474 (2001) 19
Froidevaux, D., see Akesson, T. 474 (2001) 172
Fusco, P., see Barbarino, G.C. 474 (2001) 224

Gallerano, G., see Dattoli, G. 474 (2001) 259
Gao, J., see Fissum, K.G. 474 (2001) 108
Garcia, E., see Bindel, R. 474 (2001) 38
Gargano, F., see Barbarino, G.C. 474 (2001) 224
Gasparini, F., see Accorsi, R. 474 (2001) 273
Gavalya, A., see Fissum, K.G. 474 (2001) 108
Geelhood, B., see Peurrung, A. 474 (2001) 285
Giannessi, L.P., see Dattoli, G. 474 (2001) 259
Giebels, B., see do Couto e Silva, E. 474 (2001) 19
Giglietto, N., see Barbarino, G.C. 474 (2001) 224
Gilad, S., see Fissum, K.G. 474 (2001) 108

Gillespie, S., see do Couto e Silva, E. . . . 474 (2001) 19
Giordano, F., see Barbarino, G.C. . . . 474 (2001) 224
Godfrey, G., see do Couto e Silva, E. . . . 474 (2001) 19
Green, D., see Freeman, J. . . . 474 (2001) 143
Grichkevitch, Y., see Akesson, T. . . . 474 (2001) 172
Grillo, A., see Barbarino, G.C. . . . 474 (2001) 224
Grove, J.E., see do Couto e Silva, E. . . . 474 (2001) 19
Gschwind, R., see Mishev, A. . . . 474 (2001) 101
Guarino, F., see Barbarino, G.C. . . . 474 (2001) 224
Gueorguieva, E., M. Kaci, C. Schück, A. Minkova, Ch. Vieu, J.J. Correia and J.S. Dionisio, The recoil shadow anisotropy method . . . 474 (2001) 132
Guyonnet, J.L., see Arnold, R. . . . 474 (2001) 93

Ha, J.H., see Ahn, H.E. . . . 474 (2001) 1
Hajduk, Z., see Akesson, T. . . . 474 (2001) 172
Handa, T., see do Couto e Silva, E. . . . 474 (2001) 19
Hansen, J.R., see Akesson, T. . . . 474 (2001) 172
Hansl-Kozanecka, T., see do Couto e Silva, E. . . . 474 (2001) 19
Hejdelman, A.M., see Shchukin, G.E. . . . 474 (2001) 46
Hell, E., see Freudenberger, J. . . . 474 (2001) 295
Hernando, J., see do Couto e Silva, E. . . . 474 (2001) 19
Hesch, K., see Dattoli, G. . . . 474 (2001) 259
Hicks, M., see do Couto e Silva, E. . . . 474 (2001) 19
Hirayama, M., see do Couto e Silva, E. . . . 474 (2001) 19
Hubert, F., see Arnold, R. . . . 474 (2001) 93
Hubert, Ph., see Arnold, R. . . . 474 (2001) 93

Johnson, R., see do Couto e Silva, E. . . . 474 (2001) 19
Johnson, W.N., see do Couto e Silva, E. . . . 474 (2001) 19
Jones, T.D., see White, C.G. . . . 474 (2001) 67
Jullian, S., see Arnold, R. . . . 474 (2001) 93

Kaci, M., see Gueorguieva, E. . . . 474 (2001) 132
Kamae, T., see do Couto e Silva, E. . . . 474 (2001) 19
Kaplan, D.M., see White, C.G. . . . 474 (2001) 67
Keener, P.T., see Akesson, T. . . . 474 (2001) 172
Kekelidze, G., see Akesson, T. . . . 474 (2001) 172
Kimmitt, M.F., see Doucas, G. . . . 474 (2001) 10
Kirchner, J.J., U.J. Becker, R.B. Dinner, K.J. Fidkowski and J.H. Wyatt, Optimization of drift gases for accuracy in pressurized drift tubes . . . 474 (2001) 238
Kisel, I., see Arnold, R. . . . 474 (2001) 93
Klous, S., see van Buuren, L.D. . . . 474 (2001) 209
Knüpfer, W., see Freudenberger, J. . . . 474 (2001) 295
Kochetov, O., see Arnold, R. . . . 474 (2001) 93
Kolster, H., see van Buuren, L.D. . . . 474 (2001) 209
Konovalov, S., see Akesson, T. . . . 474 (2001) 172
Kornoukhov, V.N., see Arnold, R. . . . 474 (2001) 93
Kouzes, R., see Peurrung, A. . . . 474 (2001) 285
Kovalenko, V., see Arnold, R. . . . 474 (2001) 93
Kowalski, T., see Akesson, T. . . . 474 (2001) 172
Kramarenko, V.A., see Akesson, T. . . . 474 (2001) 172
Krivchitch, A., see Akesson, T. . . . 474 (2001) 172
Kroeger, W., see do Couto e Silva, E. . . . 474 (2001) 19
Kuzichev, V.F., see Arnold, R. . . . 474 (2001) 93

Lalanne, D., see Arnold, R. . . . 474 (2001) 93
Lang, J., see van Buuren, L.D. . . . 474 (2001) 209

Lanza, R.C., see Accorsi, R. ... 474 (2001) 273
Laplanche, F., see Arnold, R. ... 474 (2001) 93
Laritchev, A., see Akesson, T. ... 474 (2001) 172
Lauben, D., see do Couto e Silva, E. ... 474 (2001) 19
Leathers, C.R., see Fissum, K.G. ... 474 (2001) 108
Leccia, F., see Arnold, R. ... 474 (2001) 93
Lee, Y., W.A. Barletta, K.N. Leung, V.V. Ngo, P. Scott, M. Wilcox and N. Zahir, Multi-aperture extraction system with micro-beamlet switching capability ... 474 (2001) 86
Leone, A., see Barbarino, G.C. ... 474 (2001) 224
Leung, K.N., see Lee, Y. ... 474 (2001) 86
Lichard, P., see Akesson, T. ... 474 (2001) 172
Lin, Y.C., see do Couto e Silva, E. ... 474 (2001) 19
Linck, I., see Arnold, R. ... 474 (2001) 93
Lindner, T., see do Couto e Silva, E. ... 474 (2001) 19
Lindozzi, M., see Barbarino, G.C. ... 474 (2001) 224
Liyanage, N., see Fissum, K.G. ... 474 (2001) 108
Longuemare, C., see Arnold, R. ... 474 (2001) 93
Loparco, F., see Barbarino, G.C. ... 474 (2001) 224
Lucotte, A., see Akesson, T. ... 474 (2001) 172
Luebke, W.R., see White, C.G. ... 474 (2001) 67
Luehring, F., see Akesson, T. ... 474 (2001) 172
Lundberg, B., see Akesson, T. ... 474 (2001) 172

Mailov, A., see Akesson, T. ... 474 (2001) 172
Makovicka, L., see Mishev, A. ... 474 (2001) 101
Manara, A., see Akesson, T. ... 474 (2001) 172
Mancarella, G., see Barbarino, G.C. ... 474 (2001) 224
Marquet, Ch., see Arnold, R. ... 474 (2001) 93
Matsushita, T., see Saitoh, Y. ... 474 (2001) 253
Mauger, F., see Arnold, R. ... 474 (2001) 93
Mazziotta, M.N., see Barbarino, G.C. ... 474 (2001) 224
McFarlane, K., see Akesson, T. ... 474 (2001) 172
Michaels, R.O., see Fissum, K.G. ... 474 (2001) 108
Michelson, P., see do Couto e Silva, E. ... 474 (2001) 19
Mignerey, A.C., see Bindel, R. ... 474 (2001) 38
Minkova, A., see Gueorguieva, E. ... 474 (2001) 132
Mishev, A., I. Angelov, E. Duverger, R. Gschwind, L. Makovicka and J. Stamenov, Experimental study and Monte Carlo modeling of the Cherenkov effect ... 474 (2001) 101
Mitra, S., see Mukhopadhyay, R. ... 474 (2001) 55
Mitri, I.De, see Barbarino, G.C. ... 474 (2001) 224
Mitsou, V.A., see Akesson, T. ... 474 (2001) 172
Moiseev, A., see do Couto e Silva, E. ... 474 (2001) 19
Mongelli, M., see Barbarino, G.C. ... 474 (2001) 224
Morel, J., see Shchukin, G.E. ... 474 (2001) 46
Morozov, S., see Akesson, T. ... 474 (2001) 172
Moser, H.O., see Dattoli, G. ... 474 (2001) 259
Mukhopadhyay, R., S. Mitra, S.K. Paranjpe and B.A. Dasannacharya, Quasielastic neutron scattering facility at Dhruva reactor ... 474 (2001) 55
Mul, F.A., see van Buuren, L.D. ... 474 (2001) 209
Muraviev, S., see Akesson, T. ... 474 (2001) 172

Nadtochy, A., see Akesson, T. ... 474 (2001) 172
Nakatani, T., see Saitoh, Y. ... 474 (2001) 253
Nelson, K., see White, C.G. ... 474 (2001) 67
Newcomer, F.M., see Akesson, T. ... 474 (2001) 172
Ngo, V.V., see Lee, Y. ... 474 (2001) 86

Nicholson, H.W., see Arnold, R. ... 474 (2001) 93
Nikolaou, M., see do Couto e Silva, E. ... 474 (2001) 19
Nikolic-Audit, I., see Arnold, R. ... 474 (2001) 93
Nolan, P., see do Couto e Silva, E. ... 474 (2001) 19

Odian, A., see do Couto e Silva, E. ... 474 (2001) 19
Offermann, E.A.J.M., see Fissum, K.G. ... 474 (2001) 108
Ogren, H., see Akesson, T. ... 474 (2001) 172
Oh, S.H., see Akesson, T. ... 474 (2001) 172
Ohsugi, T., see do Couto e Silva, E. ... 474 (2001) 19
Olszowska, J., see Akesson, T. ... 474 (2001) 172
Ormes, J., see do Couto e Silva, E. ... 474 (2001) 19
Osteria, G., see Barbarino, G.C. ... 474 (2001) 224
Ottaviani, P.L., see Dattoli, G. ... 474 (2001) 259

Paliaga, G., see do Couto e Silva, E. ... 474 (2001) 19
Palladino, V., see Barbarino, G.C. ... 474 (2001) 224
Paranjpe, S.K., see Mukhopadhyay, R. ... 474 (2001) 55
Parkinson, P.S., see do Couto e Silva, E. ... 474 (2001) 19
Pellegrin, E., see Dattoli, G. ... 474 (2001) 259
Penttilä, S.I., see Crawford, B.E. ... 474 (2001) 159
Perchiazzi, M., see Barbarino, G.C. ... 474 (2001) 224
Peshekhonov, V., see Akesson, T. ... 474 (2001) 172
Peurrung, A., R. Arthur, R. Elovich, B. Geelhood, R. Kouzes, S. Pratt, R. Scheele and R. Sell, The 871 keV gamma ray from ^{17}O and the identification of plutonium oxide ... 474 (2001) 285
Pfeifer, M., see Riesz, F. ... 474 (2001) 151
Phlips, B., see do Couto e Silva, E. ... 474 (2001) 19
Pilugin, I., see Arnold, R. ... 474 (2001) 93
Piquemal, F., see Arnold, R. ... 474 (2001) 93
Pommé, S., Experimental test of the "zero dead time" count-loss correction method on a digital gamma-ray spectrometer ... 474 (2001) 245
Poolman, H.R., see van Buuren, L.D. ... 474 (2001) 209
Pratt, S., see Peurrung, A. ... 474 (2001) 285
Price, G.J. and G.W. Fraser, Calculation of the output charge cloud from a microchannel plate ... 474 (2001) 188

Rainò, A., see Barbarino, G.C. ... 474 (2001) 224
Rainò, S., see Barbarino, G.C. ... 474 (2001) 224
Regurea, A., see Bauleo, P. ... 474 (2001) 296
Rembser, C., see Akesson, T. ... 474 (2001) 172
Remsberg, L.P., see Bindel, R. ... 474 (2001) 38
Reyss, J.-L., see Arnold, R. ... 474 (2001) 93
Riddle, C.L., see Arnold, R. ... 474 (2001) 93
Riesz, F., L. Ryć, J. Badziak and M. Pfeifer, Pulse response of GaAs and InP photoconductive detectors for the X-ray diagnostics of laser plasmas ... 474 (2001) 151
Ritz, S., see do Couto e Silva, E. ... 474 (2001) 19
Roberson, N.R., see Crawford, B.E. ... 474 (2001) 159
Rock, S., see do Couto e Silva, E. ... 474 (2001) 19
Romaniouk, A., see Akesson, T. ... 474 (2001) 172
Ronzhin, A., see Freeman, J. ... 474 (2001) 143
Rossmanith, R., see Dattoli, G. ... 474 (2001) 259
Rousseau, D., see Akesson, T. ... 474 (2001) 172
Rubin, H.A., see White, C.G. ... 474 (2001) 67
Russel, J.J., see do Couto e Silva, E. ... 474 (2001) 19
Rust, D.R., see Akesson, T. ... 474 (2001) 172
Ryć, L., see Riesz, F. ... 474 (2001) 151

Sacchetti, A., see Barbarino, G.C. ... 474 (2001) 224
Sadrozinski, H., see do Couto e Silva, E. ... 474 (2001) 19

Saile, V., see Dattoli, G. ... 474 (2001) 259
Saitoh, Y., T. Nakatani, T. Matsushita, A. Agui, A. Yoshigoe, Y. Teraoka and A. Yokoya, First results from the actinide science beamline BL23SU at SPring-8 ... 474 (2001) 253
Sapinski, M., see Akesson, T. ... 474 (2001) 172
Sarazin, X., see Arnold, R. ... 474 (2001) 93
Scapparone, E., see Barbarino, G.C. ... 474 (2001) 224
Schalk, T., see do Couto e Silva, E. ... 474 (2001) 19
Scheele, R., see Peurrung, A. ... 474 (2001) 285
Schegelsky, V., see Akesson, T. ... 474 (2001) 172
Scheibling, F., see Arnold, R. ... 474 (2001) 93
Schück, C., see Gueorguieva, E. ... 474 (2001) 132
Scott, P., see Lee, Y. ... 474 (2001) 86
Segal, J., see Fissum, K.G. ... 474 (2001) 108
Sell, R., see Peurrung, A. ... 474 (2001) 285
Shchukin, G.E., V.V. Fedorov, A.M. Hejdelman, K.P. Yakovlev, J. Morel and M. Etcheverry, The semi-empirical full-response functions of semiconductors, their dependence on source designs and influence on low-energy photon intensities ... 474 (2001) 46
Shmeleva, A., see Akesson, T. ... 474 (2001) 172
Silvis, J., see do Couto e Silva, E. ... 474 (2001) 19
Simani, M.C., see van Buuren, L.D. ... 474 (2001) 209
Smirnov, S., see Akesson, T. ... 474 (2001) 172
Smirnova, L.N., see Akesson, T. ... 474 (2001) 172
Sosnovtsev, V., see Akesson, T. ... 474 (2001) 172
Soutchkov, S., see Akesson, T. ... 474 (2001) 172
Spinelli, P., see Barbarino, G.C. ... 474 (2001) 224
Spiridenkov, E., see Akesson, T. ... 474 (2001) 172
Stamenov, J., see Mishev, A. ... 474 (2001) 101
Steininger, R., see Dattoli, G. ... 474 (2001) 259
Stekl, I., see Arnold, R. ... 474 (2001) 93
Suhonen, J., see Arnold, R. ... 474 (2001) 93
Sutton, C.S., see Arnold, R. ... 474 (2001) 93
Szalata, Z., see do Couto e Silva, E. ... 474 (2001) 19
Szczerba, D., see van Buuren, L.D. ... 474 (2001) 209
Szklarz, G., see Arnold, R. ... 474 (2001) 93

Templon, J.A., see Fissum, K.G. ... 474 (2001) 108
Teraoka, Y., see Saitoh, Y. ... 474 (2001) 253
Terrier, R., see do Couto e Silva, E. ... 474 (2001) 19
Thompson, D.J., see do Couto e Silva, E. ... 474 (2001) 19
Tikhomirov, V., see Akesson, T. ... 474 (2001) 172
Timkin, V., see Arnold, R. ... 474 (2001) 93
Tournear, D.M., see do Couto e Silva, E. ... 474 (2001) 19
Tretyak, V., see Arnold, R. ... 474 (2001) 93
Trotz, S.R., see Doucas, G. ... 474 (2001) 10
Turko, B., see White, C.G. ... 474 (2001) 67

Ukkola, M., see Ylä-Oijala, P. ... 474 (2001) 197
Umatov, V., see Arnold, R. ... 474 (2001) 93

van Buuren, L.D., D. Szczerba, J.F.J. van den Brand, H.J. Bulten, M. Ferro-Luzzi, S. Klous, H. Kolster, J. Lang, F.A. Mul, H.R. Poolman and M.C. Simani, Performance of a hydrogen/deuterium polarized gas target in a storage ring ... 474 (2001) 209
van den Brand, J.F.J., see van Buuren, L.D. ... 474 (2001) 209
Vanyushin, I., see Arnold, R. ... 474 (2001) 93
Vassilakopoulos, V., see Akesson, T. ... 474 (2001) 172
Vieu, Ch., see Gueorguieva, E. ... 474 (2001) 132

Vorobel, V., see Arnold, R. 474 (2001) 93
Vylov, Ts., see Arnold, R. 474 (2001) 93

Waite, A.P., see do Couto e Silva, E. 474 (2001) 19
Wallace, J., see do Couto e Silva, E. 474 (2001) 19
Walsh, J.E., see Doucas, G. 474 (2001) 10
Wang, C., see Akesson, T. 474 (2001) 172
Wechsler, R., see Fissum, K.G. 474 (2001) 108
White, C.G., T.D. Jones, W.R. Luebke, Y.C. Chen, K.C. Cheng, W.S. Choong, D.M. Kaplan, K. Nelson, H.A. Rubin, B. Turko and P. Zyla, Upgraded DAQ system for the HyperCP experiment 474 (2001) 67
Wilcox, M., see Lee, Y. 474 (2001) 86
Williams, H.H., see Akesson, T. 474 (2001) 172
Williams, S., see do Couto e Silva, E. 474 (2001) 19
Williamson, R., see do Couto e Silva, E. 474 (2001) 19
Winker, G., see do Couto e Silva, E. 474 (2001) 19
Wojtsekhowski, B., see Fissum, K.G. 474 (2001) 108
Wüst, J., see Dattoli, G. 474 (2001) 259
Wyatt, J.H., see Kirchner, J.J. 474 (2001) 238

Yakovlev, K.P., see Shchukin, G.E. 474 (2001) 46
Ylä-Oijala, P. and M. Ukkola, Suppressing electron multipacting in ceramic windows by DC bias 474 (2001) 197
Yokoya, A., see Saitoh, Y. 474 (2001) 253
Yoshigoe, A., see Saitoh, Y. 474 (2001) 253

Zahir, N., see Lee, Y. 474 (2001) 86
Zhao, J., see Fissum, K.G. 474 (2001) 108
Zyla, P., see White, C.G. 474 (2001) 67

ELSEVIER

Nuclear Instruments and Methods in Physics Research A 474 (2001) 305–307

NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH Section A

www.elsevier.com/locate/nima

Subject Index

Accelerators, Beam Handling and Targets

H^- magnetic beam extractors design for the KOMAC project, H.E. Ahn, B.H. Choi and J.H. Ha 474 (2001) 1

A new type of high-resolution position sensor for ultra-relativistic beams, G. Doucas, M.F. Kimmitt, J.H. Brownell, S.R. Trotz and J.E. Walsh 474 (2001) 10

Suppressing electron multipacting in ceramic windows by DC bias, P. Ylä-Oijala and M. Ukkola 474 (2001) 197

Performance of a hydrogen/deuterium polarized gas target in a storage ring, L.D. van Buuren, D. Szczerba, J.F.J. van den Brand, H.J. Bulten, M. Ferro-Luzzi, S. Klous, H. Kolster, J. Lang, F.A. Mul, H.R. Poolman and M.C. Simani 474 (2001) 209

High Energy Physics Detectors

Results from the beam test of the engineering model of the GLAST large area telescope, E. do Couto e Silva, P. Anthony, R. Arnold, H. Arrighi, E. Bloom, B. Baughman, J. Bogart, P. Bosted, B. Bumala, A. Chekhtman, N. Cotton, A. Crider, I. Dobbs-Dixon, A. Djannati-Atai, R. Dubois, D. Engovatov, P. Espigat, J.L. Evans, T. Fieguth, D. Flath, M. Frigaard, B. Giebels, S. Gillespie, G. Godfrey, J.E. Grove, T. Handa, T. Hansl-Kozanecka, J. Hernando, M. Hicks, M. Hirayama, W.N. Johnson, R. Johnson, T. Kamae, W. Kroeger, D. Lauben, Y.C. Lin, T. Lindner, P. Michelson, A. Moiseev, M. Nikolaou, P. Nolan, A. Odian, T. Ohsugi, J. Ormes, G. Paliaga, P.S. Parkinson, B. Phlips, S. Ritz, S. Rock, J.J. Russel, H. Sadrozinski, T. Schalk, J. Silvis, Z. Szalata, R. Terrier, D.J. Thompson, D.M. Tournear, A.P. Waite, J. Wallace, S. Williams, R. Williamson and G. Winker 474 (2001) 19

Array of scintillator counters for PHOBOS at RHIC, R. Bindel, E. Garcia, A.C. Mignerey and L.P. Remsberg 474 (2001) 38

Experimental study and Monte Carlo modeling of the Cherenkov effect, A. Mishev, I. Angelov, E. Duverger, R. Gschwind, L. Makovicka and J. Stamenov 474 (2001) 101

Performance of a magnetized calorimeter for a long baseline neutrino oscillation experiment, G.C. Barbarino, P. Bernardini, M. Brigida, D. Campana, A. Candela, R. Caruso, A. Ceres, I.De Mitri, A.Di Credico, C. Favuzzi, P. Fusco, F. Gargano, N. Giglietto, F. Giordano, A. Grillo, F. Guarino, A. Leone, M. Lindozzi, F. Loparco, G. Mancarella, M.N. Mazziotta, M. Mongelli, G. Osteria, V. Palladino, M. Perchiazzi, A. Rainò, S. Rainò, A. Sacchetti, E. Scapparone and P. Spinelli 474 (2001) 224

Optimization of drift gases for accuracy in pressurized drift tubes, J.J. Kirchner, U.J. Becker, R.B. Dinner, K.J. Fidkowski and J.H. Wyatt 474 (2001) 238

High Energy Physics Systems

Vertical drift chambers for the Hall A high-resolution spectrometers at Jefferson Lab, K.G. Fissum, W. Bertozzi, J.P. Chen, D. Dale, H.C. Fenker, J. Gao, A. Gavalya, S. Gilad, C.R. Leathers, N. Liyanage, R.O. Michaels, E.A.J.M. Offermann, J. Segal, J.A. Templon, R. Wechsler, B. Wojtsekhowski and J. Zhao 474 (2001) 108

PII: S0168-9002(01)02102-7

Nuclear Spectroscopy

The semi-empirical full-response functions of semiconductors, their dependence on source designs and influence on low-energy photon intensities, G.E. Shchukin, V.V. Fedorov, A.M. Hejdelman, K.P. Yakovlev, J. Morel and M. Etcheverry 474 (2001) 46

Quasielastic neutron scattering facility at Dhruva reactor, R. Mukhopadhyay, S. Mitra and B.A. Dasannacharya 474 (2001) 55

The recoil shadow anisotropy method, E. Gueorguieva, M. Kaci, C. Schück, A. Minkova, Ch. Vieu, J.J. Correia and J.S. Dionisio 474 (2001) 132

Gamma, X-ray and Charged Particle Detectors

Hybrid photodiode crosstalk due to backscattered electrons, J. Freeman, D. Green and A. Ronzhin 474 (2001) 143

Pulse response of GaAs and InP photoconductive detectors for the X-ray diagnostics of laser plasmas, F. Riesz, L. Ryć, J. Badziak and M. Pfeifer 474 (2001) 151

Neutron Physics

A spin-transport system for a longitudinally polarized epithermal neutron beam, B.E. Crawford, J.D. Bowman, S.I. Penttilä and N.R. Roberson 474 (2001) 159

Electronics

Upgraded DAQ system for the HyperCP experiment, C.G. White, T.D. Jones, W.R. Luebke, Y.C. Chen, K.C. Cheng, W.S. Choong, D.M. Kaplan, K. Nelson, H.A. Rubin, B. Turko and P. Zyla 474 (2001) 67

Particle identification using the time-over-threshold method in the ATLAS Transition Radiation Tracker, T. Akesson, E. Arik, K. Assamagan, K. Baker, E. Barberio, D. Barberis, H. Bertelsen, V. Bytchkov, J. Callahan, A. Catinaccio, H. Danielsson, F. Dittus, B. Dolgoshein, N. Dressnandt, W.L. Ebenstein, P. Eerola, P. Farthouat, D. Froidevaux, Y. Grichkevitch, Z. Hajduk, J.R. Hansen, P.T. Keener, G. Kekelidze, S. Konovalov, T. Kowalski, V.A. Kramarenko, A. Krivchitch, A. Laritchev, P. Lichard, A. Lucotte, B. Lundberg, F. Luehring, A. Mailov, A. Manara, K. McFarlane, V.A. Mitsou, S. Morozov, S. Muraviev, A. Nadtochy, F.M. Newcomer, J. Olszowska, H. Ogren, S.H. Oh, V. Peshekhonov, C. Rembser, A. Romaniouk, D. Rousseau, D.R. Rust, V. Schegelsky, M. Sapinski, A. Shmeleva, S. Smirnov, L.N. Smirnova, V. Sosnovtsev, S. Soutchkov, E. Spiridenkov, V. Tikhomirov, R.V. Berg, V. Vassilakopoulos, C. Wang and H.H. Williams 474 (2001) 172

Numerical and Data Analysis

Experimental test of the "zero dead time" count-loss correction method on a digital gamma-ray spectrometer, S. Pommé 474 (2001) 245

Synchrotron Radiation Research

First results from the actinide science beamline BL23SU at SPring-8, Y. Saitoh, T. Nakatani, T. Matsushita, A. Agui, A. Yoshigoe, Y. Teraoka and A. Yokoya 474 (2001) 253

Extreme ultraviolet (EUV) sources for lithography based on synchrotron radiation, G. Dattoli, A. Doria, G.P. Gallerano, L. Giannessi, K. Hesch, H.O. Moser, P.L. Ottaviani, E. Pellegrin, R. Rossmanith, R. Steininger, V. Saile and J. Wüst 474 (2001) 259

Special Applications

Multi-aperture extraction system with micro-beamlet switching capability, Y. Lee, W.A. Barletta, K.N. Leung, V.V. Ngo, P. Scott, M. Wilcox and N. Zahir 474 (2001) 86

Chemical purification of molybdenum samples for the NEMO 3 experiment, R. Arnold, C. Augier, J. Baker, A. Barabash, O. Bing, D. Blum, V. Brudanin, A.J. Caffrey, J.E. Campagne, E. Caurier, D. Dassie, V. Egorov, K. Errahmane, T. Filipova, J.L. Guyonnet, F. Hubert, Ph. Hubert, S. Jullian, O. Kochetov, I. Kisel, V.N. Kornoukhov, V. Kovalenko, V.F. Kuzichev, D. Lalanne, F. Laplanche, F. Leccia, I. Linck, C. Longuemare, Ch. Marquet, F. Mauger, H.W. Nicholson, I. Nikolic-Audit, I. Pilugin, F. Piquemal, J.-L. Reyss, C.L. Riddle, X. Sarazin, F. Scheibling, I. Stekl, J. Suhonen, C.S. Sutton, G. Szklarz, V. Timkin, V. Tretyak, V. Umatov, I. Vanyushin, V. Vorobel and Ts. Vylov 474 (2001) 93

Calculation of the output charge cloud from a microchannel plate, G.J. Price and G.W. Fraser 474 (2001) 188

Optimal coded aperture patterns for improved SNR in nuclear medicine imaging, R. Accorsi, F. Gasparini and R.C. Lanza 474 (2001) 273

The 871 keV gamma ray from ^{17}O and the identification of plutonium oxide, A. Peurrung, R. Arthur, R. Elovich, B. Geelhood, R. Kouzes, S. Pratt, R. Scheele and R. Sell 474 (2001) 285

Errata

Erratum to: "Perspectives of medical X-ray imaging" [Nucl. Instr. and Meth. A 466 (2001) 99–104], J. Freudenberger, E. Hell and W. Knüpfer 474 (2001) 295

Erratum to: "Remote particle density calibration of a water Cherenkov dector using crossing-through muons" [Nucl. Instr. and Meth. A 463 (2001) 175–182], P. Bauleo, C.B. Bonifazi, A. Filevich and A. Regurea 474 (2001) 296